

INTERNATIONAL SEARCH REPORT

International application No.

PCT/JP03/04209

A. CLASSIFICATION OF SUBJECT MATTER
Int.Cl.⁷ G11B7/004, G11B20/14

According to International Patent Classification (IPC) or to both national classification and IPC

B. FIELDS SEARCHED

Minimum documentation searched (classification system followed by classification symbols)

Int.Cl.⁷ G11B7/004, G11B20/14, G11B7/00, G11B7/005, G11B7/26

Documentation searched other than minimum documentation to the extent that such documents are included in the fields searched

Jitsuyo Shinan Koho	1926-1996	Jitsuyo Shinan Toroku Koho	1996-2003
Kokai Jitsuyo Shinan Koho	1971-2003	Toroku Jitsuyo Shinan Koho	1994-2003

Electronic data base consulted during the international search (name of data base and, where practicable, search terms used)

C. DOCUMENTS CONSIDERED TO BE RELEVANT

Category*	Citation of document, with indication, where appropriate, of the relevant passages	Relevant to claim No.
A	WO 00/28535/A1 (Matsushita Electric Industrial Co., Ltd.), 18 May, 2000 (18.05.00), Full text & EP 1059630 A1 & JP 2000-200418 A & TW 457476 B & CN 1288561 T	1-9
A	WO 01/33568 A1 (Matsushita Electric Industrial Co., Ltd.), 10 May, 2001 (10.05.01), Full text & EP 1229538 A1 & CN 1384965 T	1-9
P, A	JP 2002-237036 A (Hitachi, Ltd.), 23 August, 2002 (23.08.02), Full text & US 2002/0140584 A1	1-9

☐ Further documents are listed in the continuation of Box C.

☐ See patent family annex.

* Special categories of cited documents:
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 "O" document referring to an oral disclosure, use, exhibition or other means
 "P" document published prior to the international filing date but later than the priority date claimed

"T" later document published after the international filing date or priority date and not in conflict with the application but cited to understand the principle or theory underlying the invention
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 "Y" document of particular relevance; the claimed invention cannot be considered to involve an inventive step when the document is combined with one or more other such documents, such combination being obvious to a person skilled in the art
 "&" document member of the same patent family

Date of the actual completion of the international search
07 July, 2003 (07.07.03)

Date of mailing of the international search report
22 July, 2003 (22.07.03)

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